

Amendments to the Claims:

Please amend the claims as follows:

1-40. (Canceled)

41. (New) An energy storage device including:
a housing having two terminals;
an electrochemical device disposed within the housing for providing an electrical potential between the terminals; and
a first capacitor mounted to the housing and being electrically connected to the terminals in parallel with the electrochemical device.
42. (New) An energy storage device according to claim 41 wherein the capacitor extends about the housing.
43. (New) An energy storage device according to claim 42 wherein the housing is cylindrical and extends between two opposed axially spaced apart ends, whereby the ends define respective terminals and the capacitor extends about the housing intermediate the ends.
44. (New) An energy storage device according to claim 41 wherein the capacitor is flexible and wrapped about the housing.
45. (New) An energy storage device including:
a housing having two terminals; and
a first capacitor forming part of the housing and connected to the terminals.
46. (New) An energy storage device according to claim 45 wherein the housing has a form factor corresponding or being related to battery size designations N, AAAA, AAA, AA, C or D.
47. (New) An energy storage device according to claim 45 wherein the capacitor is an electric double layer supercapacitor including:

a capacitor housing;

a first and a second opposed sheet electrodes disposed within the housing and being respectively electrically connected to the terminals;

a separator located between the electrodes; and

an electrolyte intermediate for allowing charge transfer between the electrodes.

48. (New) An energy storage device according to claim 45 wherein an electrochemical device is disposed within the housing for providing electrical energy to the terminals.

49. (New) An energy storage device according to claim 48 wherein the capacitor is wrapped around the electrochemical device.

50. (New) An energy storage device including:

a housing having an interior and an exterior where the interior defines a cavity;

two terminals disposed on or adjacent to the exterior of the housing for electrically engaging with respective terminals of a load that requires a predetermined load current;

an electrochemical device disposed within the cavity and being electrically connected to the terminals for providing a first current to the load; and

a capacitor disposed within the cavity and being electrically connected to the terminals in parallel with the electrochemical device for providing a second current to the load, whereby the first current and the second currents collectively sum to the predetermined load current.

51. (New) An energy storage device according to claim 50 wherein the electrochemical device includes an anode and a cathode that are respectively fixedly electrically connected to the terminals by way of an anode tab and a cathode tab, and the capacitor includes a positive electrode and a negative electrode that are respectively fixedly connected to the terminals by way of a positive electrode tab and a negative electrode tab, and

wherein the terminals extend from the interior to the exterior and the anode tab, the cathode tab, the positive electrode tab, and the negative electrode tab are disposed entirely within the cavity.

52. (New) An energy storage device according to claim 50 wherein the energy storage device is flexible.

53. (New) An energy storage device according to claim 50 wherein the housing and the electrochemical device are rigid and the capacitor is flexible and packed about the electrochemical device.